

Taroh TERASHI et al., Application No. 10/666,235
Page 4

Dkt. 2271/71043

REMARKS

Claims 1-18 were pending, with claims 5-18 having been withdrawn by the Patent Office from examination. By this Amendment, claims 1-3 and 5-18 have been canceled, without prejudice or disclaimer, claim 4 has been amended to clarify the claimed subject matter, and new claims 19-22 have been added. Claims 4 and 19-22 would be pending upon entry of this Amendment, with claim 4 being the sole pending claim in independent form.

Claims 1-3 were rejected under 35 U.S.C. § 103(a) as purportedly unpatentable over Fujioka et al. (US 2003/0006004 A1) in view of Holmes (US 2004/0111913 A1). Claims 1-4 were rejected under 35 U.S.C. § 103(a) as purportedly unpatentable over Takemoto et al. (US 6,000,784) in view of Hamada (JP 11-291539A).

By this Amendment, claims 1-3 have been canceled (without prejudice or disclaimer), and thus the rejections of claims 1-3 are now moot.

Applicant respectfully submits that the remaining pending claims of the present application are allowable over the cited art, for at least the reason that the cited art does not disclose or suggest the aspects of the present application of changing irradiation energy such that the light energy curable adhesive at the one or more of the plural sections experiences a change in irradiation energy when the part and the target are relatively displaced from each other in the course of shrinkage of the light energy curable adhesive so that at least one of the curing shrinkage forces are changed and stresses generated by the curing shrinkage forces are offset, the irradiation energy being changed by an irradiation control device by turning on and off a light energy irradiation device irradiating the light energy.

Takemoto, as understood by applicant, proposes an approach for mounting an ink jet head assembly (including plural ink jet heads 11 each being filled with ink of corresponding

Taroh TERASHI et al., Application No. 10/666,235
Page 5

Dkt. 2271/71043

color) to an ink jet printer wherein intermediate members 13 positioned between each head 11 and a head holder 12 are fixed to the head 11 by ultraviolet (UV) ray curable adhesive and also fixed to the head holder 12 by UV ray curable adhesive. A controller 25 controls an amount of UV light irradiated.

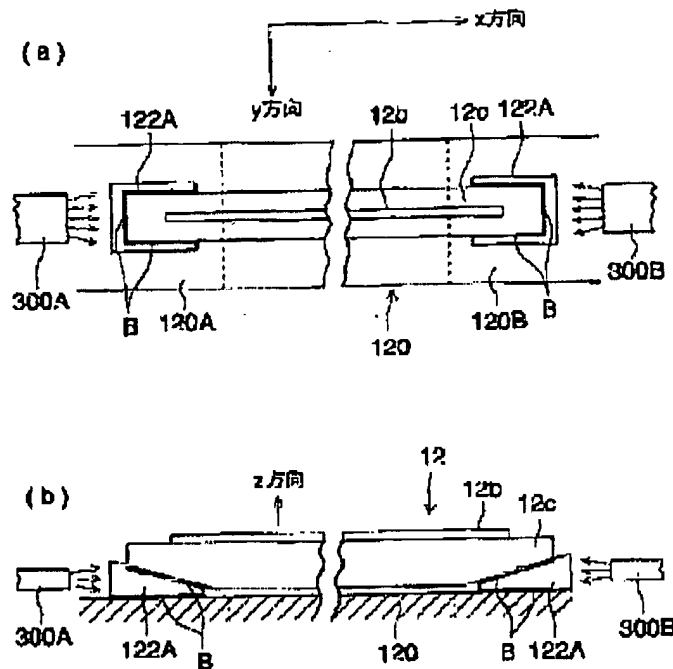
However, Takemoto, as acknowledged in the Office Action, does not disclose or suggest changing irradiation energy such that the light energy curable adhesive at the one or more of the plural sections experiences a change in irradiation energy when the part and the target are relatively displaced from each other.

Hamada, as understood by applicant, proposes an approach for attaching a line-type optical device to a supporting body 120 by using an UV curable resin and controlling the ultraviolet radiation, wherein, as shown in figure 10 (reproduced below) of Hamada, when adhering and fixing an image exposing means 12 to supporting body 120, inclined faces are provided to bottom faces at both sides of a holding member 12c of the image exposing means 12 in the direction (x) and position adjustment in the direction (z) is executed by using wedge-shaped spacers 122A each having an inclination angle the same as that of the inclined face, and then ultraviolet curable resin is coated on faces of each of the spacers 122A opposing to the holding member 12c and the supporting body 120 and the position adjusting is carried out by monitoring the position of the image exposing means 12. The ultraviolet radiation is executed by means of ultraviolet ray emitting devices 300A, 300B in order to cure the resin. The position shift of the image exposing means 12 in the direction (x) (main scanning direction) is eliminated by changing relative balance of emissions by the emitting devices 300A, 300B, respectively.

Taroh TERASHI et al., Application No. 10/666,235
Page 6

Dkt. 2271/71043

【図10】



While Hamada proposes that the position of the image exposing means 12 can be adjusted by changing relative amounts of emissions by the emitting devices 300A, 300B, respectively, Hamada, like the other cited references (including Fujioka and Holmes, does NOT disclose or suggest the aspects of the present application of changing irradiation energy such that the light energy curable adhesive at the one or more of the plural sections experiences a change in irradiation energy when the part and the target are relatively displaced from each other in the course of shrinkage of the light energy curable adhesive so that at least one of the curing shrinkage forces are changed and stresses generated by the curing shrinkage forces are offset, *the irradiation energy being changed by an irradiation control device by turning on and off a light energy irradiation device irradiating the light energy.*

Taroh TERASHI et al., Application No. 10/666,235
Page 7

Dkt. 2271/71043

Applicant submits that the cited art, even when considered along with common sense and common knowledge to one skilled in the art, does **NOT** render unpatentable the above-mentioned aspects of the present application.


Accordingly, applicant respectfully submits that independent claim 4 and the claims depending therefrom are allowable over the cited art.

In view of the remarks hereinabove, applicant submits that the application is now allowable, and earnestly solicits the allowance of the application.

If a petition for an extension of time is required to make this response timely, this paper should be considered to be such a petition. The Patent Office is hereby authorized to charge any required fees in connection with this amendment, and to credit any overpayment, to our Deposit Account No. 03-3125.

If a telephone interview could advance the prosecution of this application, the Examiner is respectfully requested to call the undersigned attorney.

Respectfully submitted,



Paul Teng, Reg. No. 40,837
Attorney for Applicant
COOPER & DUNHAM LLP
Tel.: (212) 278-0400